

#12



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/914,958B

DATE: 05/19/2003

TIME: 15:01:33

Input Set : A:\pf0675usn_subseqlist.txt

Output Set: N:\CRF4\05192003\I914958B.raw

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1 <110> APPLICANT: INCYTE GENOMICS, INC.; TANG, Y. Tom
2     LAL, Preeti G.; BAUSHN, Mariah E.
3     YUE, Henry; AU-YOUNG, Janice K.
4     LU, Dyung Aina M.; ASIMEAI, Yalda
5 <120> TITLE OF INVENTION: HUMAN SECRETORY PROTEINS
6 <130> FILE REFERENCE: PF-0675 USN
7 <140> CURRENT APPLICATION NUMBER: 09/914,958B
C--> 11 <141> CURRENT FILING DATE: 2003-01-17
12 <150> PRIOR APPLICATION NUMBER: PCT/US00/05621
13 <151> PRIOR FILING DATE: 2000-03-03
14 <150> PRIOR APPLICATION NUMBER: US 60/123,117
15 <151> PRIOR FILING DATE: 1999-03-05
16 <160> NUMBER OF SEQ ID NOS: 44
17 <170> SOFTWARE: PERL Program
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 182
20 <212> TYPE: PRT
21 <213> ORGANISM: Homo sapiens
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23 <221> NAME/KEY: misc_feature
24 <230> OTHER INFORMATION: Incyte ID No: 078811CD1
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29      20              25              30
30 Met Leu Thr Leu Gly Pro Asp Leu His Leu Leu Asn Pro Ala Ala
31      35              40              45
32 Gly Met Thr Pro Gly Thr Gln Thr His Pro Leu Thr Leu Gly Gly
33      50              55              60
34 Leu Asn Val Gln Gln Gln Leu His Pro His Val Leu Pro Ile Phe
35      65              70              75
36 Val Thr Gln Leu Gly Ala Pro Gly His Tyr Pro Lys Leu Arg Gly
37      80              85              90
38 Ile Ala Thr Asn Leu His Glu Pro His His Pro Phe Leu Val Pro
39      95              100             105
40 Arg Glu Ala Ser Leu Pro Thr Ser Gln Ala Gly Ala Asn Pro Asp
41      110             115             120
42 Val Gln Asp Gly Ser Leu Pro Ala Gly Gly Ala Gly Val Asn Pro
43      125             130             135
44 Ala Thr Gln Gly Thr Pro Ala Gly Arg Leu Pro Thr Pro Ser Gly
45      140             145             150
46 Thr Asp Asp Asp Phe Ala Val Thr Thr Pro Ala Gly Ile Gln Arg

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64 <14> FEATURE:
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70 <22> OTHER INFORMATION: Incyte ID No: 371156CD1
71 <400> SEQUENCE: 2
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74 Gln Met Ala Trp Glu Arg Gly Pro Ala Leu Leu Cys Cys Val Leu
75 20 25 30
76 Ser Ala Ser Gln Leu Ser Ser Gln Asp Gln Asp Pro Leu Gly His
77 35 40 45
78 Ile Lys Ser Leu Leu Tyr Pro Phe Gly Phe Pro Val Glu Leu Pro
79 50 55 60
80 Arg Pro Gly Pro Thr Gly Ala Tyr Lys Lys Val Lys Asn Gln Asn
81 65 70 75
82 Gln Thr Thr Ser Ser Glu Leu Leu Arg Lys Gln Thr Ser His Phe
83 80 85 90
84 Asn Gln Arg Gly His Arg Ala Arg Ser Lys Leu Leu Ala Ser Arg
85 95 100 105
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87 110 115 120
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96 <11> LENGTH: 320
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101 <22> OTHER INFORMATION: Incyte ID No: 584050CD1
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106 20 25 30
107 Asp Cys Val Leu Gln Cys Glu Glu Gln Asn Cys Ser Gly Gly Ala
108 35 40 45
109 Leu Asn His Phe Arg Ser Arg Gln Pro Ile Tyr Met Ser Leu Ala
110 50 55 60
111 Gly Trp Thr Cys Arg Asp Asp Cys Lys Tyr Glu Cys Met Trp Val
112 65 70 75
113 Thr Val Gly Leu Tyr Leu Gln Glu Gly His Lys Val Pro Gln Phe

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116      80      85      90
117 His Gly Lys Trp Pro Phe Ser Arg Phe Leu Phe Phe Gln Glu Pro
118      95     100     105
119 Ala Ser Ala Val Ala Ser Phe Leu Asn Gly Leu Ala Ser Leu Val
120     110     115     120
121 Met Leu Cys Arg Tyr Arg Thr Phe Val Pro Ala Ser Ser Pro Met
122     125     130     135
123 Tyr His Thr Cys Val Ala Phe Ala Trp Val Ser Leu Asn Ala Trp
124     140     145     150
125 Phe Trp Ser Thr Val Phe His Thr Arg Asp Thr Asp Leu Thr Glu
126     155     160     165
127 Lys Met Asp Tyr Phe Cys Ala Ser Thr Val Ile Leu His Ser Ile
128     170     175     180
129 Tyr Leu Cys Cys Val Arg Thr Val Gly Leu Gln His Pro Ala Val
130     185     190     195
131 Val Ser Ala Phe Arg Ala Leu Leu Leu Leu Met Leu Thr Val His
132     200     205     210
133 Val Ser Tyr Leu Ser Leu Ile Arg Phe Asp Tyr Gly Tyr Asn Leu
134     215     220     225
135 Val Ala Asn Val Ala Ile Gly Leu Val Asn Val Val Trp Trp Leu
136     230     235     240
137 Ala Trp Cys Leu Trp Asn Gln Arg Arg Leu Pro His Val Arg Lys
138     245     250     255
139 Cys Val Val Val Val Leu Leu Leu Gln Gly Leu Ser Leu Leu Glu
140     260     265     270
141 Leu Leu Asp Phe Pro Pro Leu Phe Trp Val Leu Asp Ala His Ala
142     275     280     285
143 Ile Trp His Ile Ser Thr Ile Pro Val His Val Leu Phe Phe Ser
144     290     295     300
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147 Lys Phe Lys Leu Asp
148     320
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154 <211> LENGTH: 234
155 <212> TYPE: PRT
156 <213> ORGANISM: Homo sapiens
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <223> OTHER INFORMATION: Incyte ID No: 863808CD1
161 <400> SEQUENCE: 4
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166     20     25     30
167 Glu Pro Gly Leu Arg Leu Leu Ala Val Gln Arg Leu Pro Val Gly
168     35     40     45
169 Ala Ala Phe Cys Arg Ala Cys Gln Thr Pro Asn Phe Val Arg Gly
170     50     55     60

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171 Leu His Ser Glu Pro Gly Leu Glu Glu Arg Ala Glu Gly Thr Val
172              65              70              75
173 Asn Glu Gly Arg Pro Glu Ser Asp Ala Ala Asp His Thr Gly Pro
174              80              85              90
175 Lys Phe Asp Ile Asp Met Met Val Ser Leu Leu Arg Gln Glu Asn
176              95              100              105
177 Ala Arg Asp Ile Cys Val Ile Gln Val Pro Pro Glu Met Arg Tyr
178              110              115              120
179 Thr Asp Tyr Phe Val Ile Val Ser Gly Thr Ser Thr Arg His Leu
180              125              130              135
181 His Ala Met Ala Phe Tyr Val Val Lys Met Tyr Lys His Leu Lys
182              140              145              150
183 Cys Lys Arg Asp Pro His Val Lys Ile Glu Gly Lys Asp Thr Asp
184              155              160              165
185 Asp Trp Leu Cys Val Asp Phe Gly Ser Met Val Ile His Leu Met
186              170              175              180
187 Leu Pro Glu Thr Arg Glu Ile Tyr Glu Leu Glu Lys Leu Trp Thr
188              185              190              195
189 Leu Arg Ser Tyr Asp Asp Gln Leu Ala Gln Ile Ala Pro Glu Thr
190              200              205              210
191 Val Pro Glu Asp Phe Ile Leu Gly Ile Glu Asp Asp Thr Ser Ser
192              215              220              225
193 Val Thr Pro Val Glu Leu Lys Cys Glu
194              230
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200 <211> LENGTH: 278
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211 His Val Pro Leu Leu Gly Leu Leu Arg Leu Gln Leu Arg Ala Ala
212      20      25      30
213 Arg Gln Pro Gly Ala Met Arg Pro Gln Gly Pro Ala Ala Ser Pro
214      35      40      45
215 Gln Arg Leu Arg Gly Leu Leu Leu Leu Leu Leu Gln Leu Pro
216      50      55      60
217 Ala Pro Ser Ser Ala Ser Glu Ile Pro Lys Gly Lys Gln Lys Ala
218      65      70      75
219 Gln Leu Arg Gln Arg Glu Val Val Asp Leu Tyr Asn Gly Met Cys
220      80      85      90
221 Leu Gln Gly Pro Ala Gly Val Pro Gly Arg Asp Gly Ser Pro Gly
222      95      100      105
223 Ala Asn Gly Ile Pro Gly Thr Pro Gly Ile Pro Gly Arg Asp Gly
224      110      115      120
225 Phe Lys Gly Glu Lys Gly Glu Cys Leu Arg Glu Ser Phe Glu Glu

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226          135          130          135
227 Ser Trp Thr Pro Asn Tyr Lys Gln Cys Ser Trp Ser Ser Leu Asn
228          140          145          150
229 Tyr Gly Ile Asp Leu Gly Lys Ile Ala Glu Cys Thr Phe Thr Lys
230          155          160          165
231 Met Arg Ser Asn Ser Ala Leu Arg Val Leu Phe Ser Gly Ser Leu
232          170          175          180
233 Arg Leu Lys Cys Arg Asn Ala Cys Cys Gln Arg Trp Tyr Phe Thr
234          185          190          195
235 Phe Asn Gly Ala Glu Cys Ser Gly Pro Leu Pro Ile Glu Ala Ile
236          200          205          210
237 Ile Tyr Leu Asp Gln Gly Ser Pro Glu Met Asn Ser Thr Ile Asn
238          215          220          225
239 Ile His Arg Thr Ser Ser Val Glu Gly Leu Cys Glu Gly Ile Gly
240          230          235          240
241 Ala Gly Leu Val Asp Val Ala Ile Trp Val Gly Thr Cys Ser Asp
242          245          250          255
243 Tyr Pro Lys Gly Asp Ala Ser Thr Gly Trp Asn Ser Val Ser Arg
244          260          265          270
245 Ile Ile Ile Glu Glu Leu Pro Lys
246          275
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253 <212> TYPE: PRT
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264          20          25          30
265 Met Ala Gln Gly Gln Gln Met Leu Ala Gly Gln Leu Leu Pro Met
266          35          40          45
267 Leu Thr Leu Leu Pro Pro Ser Phe Pro Leu Pro His Pro Thr Leu
268          50          55          60
269 Gly Pro Arg Arg His Ala Ser Leu Thr Gln Leu Gly Pro Ala Phe
270          65          70          75
271 Trp Met Ala Trp Gly Arg Pro Trp Ala His Leu Gly Pro Gly Gln
272          80          85          90
273 Pro Leu Gly Gln Leu Trp Lys Ser Ser Val Glu Glu His Leu Leu
274          95          100          105
275 Ala Ala Trp Leu Gln Pro Leu Ala Leu Leu Glu Trp Ser Leu Gly
276          110          115          120
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278          125          130          135
279 Gln
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VERIFICATION SUMMARY

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date